

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number  
**WO 2005/012565 A1**

(51) International Patent Classification: C12Q 1/68,  
G01N 33/30, A61K 39/395, 31/7088

Georg [SE/SE]; AstraZeneca R & D Sodertalje, S-151 85  
Sodertalje (SE).

(21) International Application Number:  
PCT/GB2004/003181

(74) Agent: ASTRAZENECA; Global Intellectual Property,  
S-151 85 Sodertalje (SE).

(22) International Filing Date: 21 July 2004 (21.07.2004)

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0302121-9 22 July 2003 (22.07.2003) SE

(71) Applicant (for AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE,  
BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CY, CZ,  
DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MK, MN, MW, MX, MZ,  
NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD,  
SE, SG, SK, SL, SY, SZ, TJ, TM, TN, TR, TT, TZ, UA, UG,  
UZ, VC, VN, YU, ZA, ZM, ZW only): ASTRAZENECA  
AB [SE/SE]; Sodertalje, S-151 85 (SE).

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for MG only): ASTRAZENECA UK LIM-  
ITED [GB/GB]; 15 Stanhope Gate, London Greater Lon-  
don W1K 1LN (GB).

Published:

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

(72) Inventors; and

(75) Inventors/Applicants (for US only): EDWARDS, Mark,  
Richard [GB/GB]; Oxagen Limited, 91 Milton Park,  
Abingdon Oxfordshire OX14 4RY (GB). OLSSON, Per,

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: GENETIC MARKER FOR CORONARY ARTERY DISEASE

(57) Abstract: The present invention describes a Coronary artery disease (CAD) susceptibility gene and the use of this gene in the  
development of novel therapies to treat CAD.

WO 2005/012565 A1